# Approved For Release 2005/11/28 : CIA-RDP87B00832R000100010003-6 SECRET

### NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

NPIC INSTRUCTION NO. 1-3

**ORGANIZATION** 13 April 1972

#### MISSION AND FUNCTIONS

RESCISIONS:

- (a) NPIC Notice No. 1-130-25, dated 10 February 1965
- (b) NPIC Notice No. 1-130-26, dated 26 March 1965
- (c) NPIC Notice No. 1-130-27, dated 26 July 1966 (d) NPIC Notice No. 1-130-28, dated 28 July 1966
- 1. Revised statements of mission and functions for the National Photographic Interpretation Center and its subordinate components are issued.
  - 2. All previous statements of mission and functions are rescinded.

Enclosure:

Mission and Functions Statements

Distribution: A

GROUP 1: EXCLUDED FROM AUTOMATIC DOWNGRADING AND DECLASSIFICATION

**Declassifcation Review** by NGA

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ORGANIZATION

#### NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

#### MISSION

The National Photographic Interpretation Center is charged to perform interpretation in support of the national intelligence effort; to provide services of common concern to national and departmental imagery analysis, collection and processing; and to conduct a research and development program for the purpose of improving imagery exploitation.

#### **FUNCTIONS**

The National Photographic Interpretation Center shall:

- 1. Conduct, on designated USIB-tasked missions, a preliminary and rapid interpretation of newly acquired imagery, in order to extract, organize, and communicate information to satisfy priority requirements.
- Carry out, on all USIB-tasked missions and certain other missions, a systematic examination of all newly acquired imagery for the purpose of providing a succinct, organized, and comprehensive summary of the information extracted or available for extraction.
- 3. Perform, in specified substantive areas, detailed analysis of imagery for the purpose of extracting and systematically disseminating accurate, detailed, and comprehensive information required in the production of intelligence by the intelligence community.
- 4. Provide additional services of common concern to members of the intelligence community. These will include mensuration, photo reproduction, graphics, printing and dissemination services, and the maintenance of certain national data base files.
- 5. Conduct a versatile research and development program that will enhance the exploitation process, by introduction of improved equipments and technology that will most effectively and efficiently accomplish interpretation of the imagery acquired by the various collection systems. Information about these developments is made available to other elements of the intelligence community for their individual use or further adaptation.

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6. Perform technical analysis of film inputs as required, utilizing advanced photo science techniques so as to provide direction and guidance to reconnaissance system operators and film processors to facilitate improved collection performance and obtain photo image properties necessary for precise interpretation.

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NPIC INSTRUCTION NO. 1-3

**ORGANIZATION** 

#### NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

PLANNING STAFF

MISSION

Responsible for developing, coordinating, and implementing the Center's centralized budgeting, programming and planning, the Planning Staff develops Center goals and objectives; defines and formulates plans, programs, and budgets to meet those goals and objectives; and evaluates the effectiveness of these plans, programs, and budgets.

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**ORGANIZATION** 

#### NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

#### PROGRAMMING AND BUDGETING BRANCH

#### MISSION

Responsible for preparing Center budgets, office estimates, and five-year plans -- including the allocation of personnel resources needed for them; for evaluating the execution of those budgets; for providing guidance to all systems producing management information; and for reviewing other systems and proposals as directed.

#### **FUNCTIONS**

The Programming and Budgeting Branch shall:

- 1. Develop and administer the NPIC budgets, office estimates, and five-year plans to attain NPIC goals and objectives.
- 2. Maintain and monitor the reporting system to reflect budget execution against Center programs.
- 3. Formulate personnel-position schedules and justifications for average grade.
- 4. Provide direction to all systems established for the provision of information and data for management.
- 5. Maintain liaison with appropriate authorities regarding Center budgets, office estimates, and five-year plans.

ORGANIZATION

# NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

#### PROGRAM ANALYSIS BRANCH

#### MISSION

Responsible for conducting orderly analytic studies and cost/benefit analyses directed toward organizing the allocation and utilization of Center resources, including the evaluation of short-and mid-range programs and as they relate to long range goals.

#### **FUNCTIONS**

The Program Analysis Branch shall:

- 1. Perform orderly analytic studies using systems analysis and management science techniques, designed to aid in identifying preferred Center policies or courses of action directed toward optimizing the allocation and utilization of resources in meeting goals and objectives.
- 2. Continually review, validate, and critically assess Center programs and operations with respect to both costs and effectiveness in achieving Center goals and objectives; conduct cost/benefit analyses, and recommend remedial action or new programs as required.
- 3. Maintain a centralized requirements receipt, logging, duplication and dissemination service for all requirements levied upon and within the Center.

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**ORGANIZATION** 

#### NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

#### PLANNING AND MANAGEMENT BRANCH

#### MISSION

Responsible for developing and defining Center goals and objectives in consonance with community goals and objectives; for formulating Center long-range requirements and plans.

# **FUNCTIONS**

The Planning and Management Branch shall:

- 1. Develop and define, NPIC goals and objectives in consonance with known and anticipated community goals and objectives and evaluate NPIC long-range requirements.
- 2. Formulate definitive short-, mid-, and long-range plans to attain NPIC goals and objectives.
- 3. Maintain liaison with appropriate authorities regarding Center plans and special analytic studies of Center operations.

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ORGANIZATION

## NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

#### SUPPORT STAFF

#### MISSION

Responsible for providing overall administrative support to the Center in the fields of personnel, finance, training, security, communications, records management, logistics, and special contracting and procurement.

#### **FUNCTIONS**

The Support Staff shall:

- 1. Develop, implement, and maintain personnel recruitment, assignment, promotion, and employee relations programs, and prepare and maintain staffing complements, job standards, position descriptions, personnel records, and personnel locator information.
- 2. Maintain financial records and controls in execution and management of the Center's budget; provide assistance to Center's management in the preparation of various NPIC budget estimates; maintain the Center's disbursing facility and exercise certifying authority for specified NPIC financial transactions; maintain records of joint procurement programs; prepare NPIC travel accountings; and provide guidance on matters pertaining to time and attendance and payroll.
- 3. Develop and administer a comprehensive program of internal, external, contractual, and on-site training; administer cooperative and summer intern training programs; and coordinate NPIC orientation briefings and tours.
- 4. Develop and implement personnel and physical security programs including the safeguarding of installations, documents and materials; establish and ensure compliance with procedures and regulations governing safety and emergencies involving fire, demonstrations, threat of or actual riot and other natural and unnatural disorders; provide for the supervision of a receptionist staff and a General Services Administration guard force; and conduct special clearance briefings and debriefings.

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**ORGANIZATION** 

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- 5. Maintain and operate a cryptographic communications center for NPIC.
- 6. Develop and implement an NPIC records management program; provide staff guidance to NPIC Staffs and Groups in the management of NPIC records; conduct records studies and develop systems and procedures for the effective and economical creation, maintenance, and disposition of NPIC records; review requests for records equipment and supplies; provide centralized forms control; provide guidance in the preparation of NPIC vital record and records control schedules; and serve as the channel for coordinating NPIC records matters with other CIA components.

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**ORGANIZATION** 

### NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

### IMAGERY EXPLOITATION GROUP

MISSION

Responsible for the interpretation of imagery and its correlation with appropriate related information from other sources; for the accuracy and completeness of all substantive information and measurements developed in the course of that interpretation; for analysis and evaluation of unconventional imagery and that acquired by unique acquisition systems, as directed; and for the dissemination of the results of the Center's imagery exploitation efforts to the intelligence community.

**ORGANIZATION** 

#### NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

#### SCIENTIFIC DIVISION

#### MISSION

Responsible for the interpretation of all imagery pertaining to targets within the following categories: missile production and static test facilities, Non-Missile Strategic Industrial Facilities; Atomic Energy Facilities; Communications/Electronics/Radar R&D Facilities, and Chemical, Biological, and Radiological Facilities.

#### **FUNCTIONS**

The Scientific Division shall:

- 1. Produce basic reports in final manuscript form. This includes substantive analysis, graphical analysis, and editing.
- 2. Accomplish first- and second-phase reporting.
- 3. Respond to approved requirements of USIB member agencies and committees and other higher authority.
- 4. Maintain liaison with substantive analysts and provide briefings and other support.
- 5. Evaluate the interpretability of new or improved imagery collection systems, as required.
- 6. Prepare Imagery Analyst Keys in response to approved requirements.
- 7. Review and update appropriate data in the National Base of Imagery Derived Information deemed necessary to support division imagery interpreters and the intelligence community.
- 8. Develop and maintain substantive knowledge and functional skills necessary to accomplish assigned mission.

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ORGANIZATION

#### NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

#### SOUTHERN GEOGRAPHIC DIVISION

#### **MISSION**

Responsible for the interpretation of all imagery of the Middle East, Africa, South & Southeast Asia and the Western Hemisphere except for those targets specifically assigned to the Missiles and Space Division and the Scientific Division.

#### **FUNCTIONS**

The Southern Geographic Division shall, except for those installations or objects specifically assigned to another division:

- 1. Accomplish first- and second-phase reporting. Included are: air, ground, naval, and missile OB, non-strategic industries, transportation, urban complexes, and unidentified installations.
- 2. Scan, with the assistance of the Missiles and Space Division and the Scientific Division, imagery for strategic weapons related target information.
- 3. Search newly acquired imagery for new, significant activity and for significant changes at known targets.
- 4. Prepare basic reports on unidentified installations of potential strategic significance.
- 5. Respond to approved requirements of USIB member agencies and committees and other higher authority.
- 6. Perform selective review of JCS reconnaissance missions for preparation of briefing aids and supplemental reports in accordance with higher authority.
- 7. Evaluate the interpretability of new or improved imagery collection systems as required.
- 8. Maintain liaison with substantive analysts and provide briefings and other support.

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- 9. Review and update appropriate data in the National Base of Imagery Derived Information deemed necessary to support NPIC imagery interpreters and the intelligence community.
- 10. Develop and maintain substantive knowledge and functional skills necessary to accomplish assigned mission.

ORGANIZATION

# NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

#### OPERATIONS DIVISION

#### MISSION

Responsible for planning, scheduling and coordinating projects, procedures, and systems in the Group; for establishing and monitoring production standards; for the maintenance and coordination of the Installations Data File and automatic data processing requirements; as designated, it will represent the Group on committees, boards, and other bodies external to the Group, and prepare and coordinate Group positions as needed; for evaluating collection systems, exploitation equipment and techniques in coordination with the Technical Services Group; and for staffing administrative, personnel, training, maintenance and logistics support needed by the Group and coordinating with the responsible components of the Support Staff.

#### **FUNCTIONS**

The Operations Division shall:

- 1. Coordinate first- and second-phase exploitation projects crossing division lines, briefings for the Director, inputs to the National Data Base, ADP and research and development requirements and recommendations, administrative matters crossing division lines, and personnel recruitment and practices with the Group.
- 2. Control Group report production, requirements, targets, and product quality.
- 3. Prepare Group procedures, standards, budgets, special training programs, and tables of organization.
- 4. Evaluate new imagery-exploitation or information systems and plan for their implementation.
- 5. Evaluate responsiveness of reporting to customer requirements.
- 6. Ensure that reporting standards and guidelines are met.

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- 7. Perform analysis of the Group's administrative systems, operational procedures and imagery exploitation equipment and make recommendations for the Group Chief.
- 8. Procure and control specialized imagery interpretation and related equipment used throughout the Group. Coordinate maintenance of equipment.
- 9. As a service of common concern to IEG elements, develop, coordinate and conduct selected training and orientation programs designed to facilitate the assimilation of new personnel into IEG production elements and maintain imagery interpretation proficiency.

ORGANIZATION

#### NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

#### EASTERN GEOGRAPHIC DIVISION

#### MISSION

Responsible for interpretation of all imagery of China and North Korea except for those targets specifically assigned to the Missiles and Space Division and the Scientific Division.

#### **FUNCTIONS**

The Eastern Geographic Division shall, except for those installations or objects specifically assigned to another division:

- Accomplish first- and second-phase reporting. Included are: air, ground, naval, and missile OB, non-strategic industries, transportation, urban complexes, and unidentified installations.
- 2. Search newly acquired imagery for new, significant activity and for significant changes at known targets.
- 3. Scan, with the assistance of the Missiles and Space Division and the Scientific Division, imagery for new advanced and strategic weapons related target information.
- 4. Prepare basic reports on unidentified installations of potential strategic significance and on selected electronic installations.
- 5. Respond to approved requirements of USIB member agencies and committees and other higher authority.
- 6. Perform selective review of JCS reconnaissance missions for preparation of briefing aids and supplemental reports in accordance with direction received from higher authority.
- 7. Evaluate the interpretability of new or improved imagery collection systems as required.
- 8. Maintain liaison with substantive analysts and provide briefings and other support.

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ORGANIZATION

# NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

- 9. Review and update appropriate data in the National Base of Imagery Derived Information deemed necessary to support NPIC imagery interpreters and in the intelligence community.
- 10. Develop and maintain substantive knowledge and functional skills necessary to accomplish assigned mission.

ORGANIZATION

#### NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

#### MISSILES AND SPACE DIVISION

#### MISSION

Responsible for the interpretation of all imagery pertaining to targets within the following categories: SSM and Space R&D Centers; ABM/SAM R&D Test Centers; Tactical and Naval Missile Test Centers; Deployed Strategic SSM and Defensive ABM/SA-5 Facilities and Selected deployed Communications/Electronics/Radar R&D Facilities.

## **FUNCTIONS**

The Missiles and Space Division shall:

- 1. Produce basic reports in final manuscript form. This includes substantive analysis, graphical analysis, and editing.
- 2. Accomplish first- and second-phase reporting.
- 3. Respond to approved requirements of USIB member agencies and committees and other higher authority.
- 4. Maintain liaison with substantive analysts and provide briefings and other support.
- 5. Evaluate the interpretability of new or improved imagery collection systems, as required.
- 6. Prepare Imagery Analyst Keys in response to approved requirements.
- 7. Review and update appropriate data in the National Base of Imagery Derived Information deemed necessary to support NPIC imagery interpreters and the intelligence community.
- 8. Develop and maintain the substantive knowledge and functional skills necessary to accomplish the assigned mission.

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ORGANIZATION

## NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

#### PHOTOGRAMMETRY DIVISION

#### MISSION

Responsible for providing and maintaining a photogrammetric mensuration capability to meet the needs of IEG and of external components, as directed.

#### **FUNCTIONS**

The Photogrammetry Division shall:

- 1. Provide mensuration support to IEG.
- 2. Provide mensuration support to IAS within the limits of agreements reached between NPIC and IAS and to external components in response to requirements levied on the Center.
- 3. Improve existing and develop new mensuration techniques.
- 4. Determine the geodetic position of targets.
- 5. Derive the data and accuracy requirements necessary for precise mensuration.
- 6. Document, publish, and brief both the methodology and the results of photogrammetric analysis.
- 7. Maintain liaison with other organizations involved in photogrammetry in order to share and promote the development of improved mensuration techniques.
- 8. Advise and recommend the development or procurement of mensuration equipment and provide for its maintenance.
- 9. Develop and maintain photogrammetric expertise and provide photogrammetric training and mensuration supervision.

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ORGANIZATION

#### NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

#### WESTERN GEOGRAPHIC DIVISION

#### MISSION

Responsible for interpretation of all imagery of the USSR, Mongolia, 25X1 and Eastern Europe except for those targets specifically assigned to the Missiles and Space Division and the Scientific Division.

#### **FUNCTIONS**

The Western Geographic Division shall, except for those installations or objects specifically assigned to another division:

- 1. Accomplish first- and second-phase reporting. Included are: air, ground, naval, and missile OB, and non-strategic industries, transportation, urban complexes, and unidentified installations.
- 2. Search newly acquired imagery for significant new activity and for significant changes at known targets.
- 3. Scan, with the assistance of the Missiles and Space Division and the Scientific Division, imagery for new advanced and strategic weapons related target information.
- 4. Prepare basic reports on unidentified installations of potential strategic significance and on selected naval- and air-related production, support, and test facilities.
- 5. Respond to approved requirements of USIB member agencies and committees and other higher authority.
- 6. Perform selective review of JCS reconnaissance missions for preparation of briefing aids and supplemental reports in accordance with direction received from higher authority.
- 7. Evaluate the interpretability of new or improved imagery collection systems as required.
- 8. Maintain liaison with substantive analysts and provide briefings and other support.

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## NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

- 9. Review and update appropriate data in the National Base of Imagery Derived Information deemed necessary to support NPIC imagery interpreters and the intelligence community.
- 10. Develop and maintain substantive knowledge and functional skills necessary to accomplish assigned mission.

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NPIC INSTRUCTION NO. 1-3

ORGANIZATION

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

PRODUCTION SERVICES GROUP

MISSION

Responsible for operating a computer services facility to satisfy the Center's Automatic Data Processing requirements; for providing support to USIB member organizations and committees; for developing and maintaining the National Base of Imagery Derived Information files; for preparing and providing collateral material and collection data; for operating a text, photographic, and map reference facility, a control system program for classified materials, a courier service, and a film repository; for providing the Center a complete photographic laboratory service, a full publication capability, a facility for creating and constructing two- and three-dimensional visual presentations, and for maintaining the master file of the Imagery Derived National Substantive Briefing Aids Collection.

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NPIC INSTRUCTION NO. 1-3

**ORGANIZATION** 

#### NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

#### PRODUCTION OPERATIONS STAFF

#### MISSION

Responsible for providing staff assistance to the Group in areas of production control, budget preparation and administration, and operational and administrative support.

#### **FUNCTIONS**

The Production Operations Staff shall:

- 1. Develop and monitor the production program for the Group.
- 2. Determine potential production problem areas and recommend necessary corrective action.
- 3. Develop, coordinate, and prepare Group budget proposals, and administer the Group budget.
- 4. Staff administration, maintenance and logistic support needed by the Group, and coordinate with responsible components of the Support Staff.
- 5. Provide orientation for personnel newly assigned to the Group.
- 6. Prepare Group-level staff studies and Group policy papers.
- 7. Provide Group representation on committees, task teams, and working groups.

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**ORGANIZATION** 

#### NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

#### AUTOMATED INFORMATION DIVISION

#### MISSION

Responsible for operating a computer services facility to satisfy the Automatic Data Processing (ADP) requirements which are handled centrally or as services of common concern to NPIC components.

#### **FUNCTIONS**

The Automated Information Division shall:

- 1. Coordinate the information processing procedure for NPIC, providing a focal point for review and acceptance of all NPIC ADP requirements and representing the Director, NPIC, in ADP matters.
- Conduct feasibility studies, system analyses, and design of NPIC ADP systems.
- 3. Prepare or acquire computer software required by NPIC ADP systems.
- 4. Equip and operate a computer center to perform the full range of ADP services, and provide remote terminal equipment as required by user components.
- 5. Provide technical information, advice, and assistance in ADP matters to all NPIC components, and ensure that appropriate ADP training is provided for NPIC ADP users.

ORGANIZATION

#### NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

#### RESEARCH AND REFERENCE DIVISION

#### MISSION

Responsible for coordinating, developing, and maintaining the National Base of Imagery Derived Information files assigned to NPIC; for preparing and providing collateral material in direct support of Center imagery exploitation; for compiling data in support of information collection; for providing a Center-oriented document and map reference facility; for providing control systems to ensure proper processing and dissemination of classified materials received and distributed by the NPIC, and for the operation of the NPIC master file of imagery.

#### **FUNCTIONS**

The Research and Reference Division shall:

- 1. Establish and operate the NPIC registry and classified materials control program.
- 2. Provide and maintain a repository for selected national reconnaissance imagery.
- 3. Establish and maintain a program which provides selected reference material in support of imagery exploitation.
- 4. Index, abstract, and classify information produced from imagery exploitation.
- 5. Operate a classified and unclassified reference facility.
- 6. Establish and supervise the NPIC domestic and foreign courier service and the internal Center delivery service.
- 7. Determine and publish specified imagery parameters from various imagery collection systems.
- 8. Prepare geographical indexes reflecting imagery coverage and related statistical data.

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9. Index and determine the extent and quality of coverage of photography for use by the photographic intelligence community, and for input to the National Data Base.

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#### NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

#### REPROGRAPHICS DIVISION

#### MISSION

Responsible for providing NPIC with a custom photographic laboratory facility, a reports production capability, a lithographic printing and binding facility, a capability to design and prepare two- and three-dimensional visual aids, and facilities and procedures to compile, control, and maintain the imagery-derived National Substantive Briefing Aids Collection.

#### **FUNCTIONS**

The Reprographics Division shall:

- 1. Provide a complete custom photographic, laboratory facility operated in support of NPIC requirements, and, as approved, the requirements of other governmental activities.
- 2. Provide a total reports production capability, including final artwork, text composition, and final layout of text, tables, and graphic materials in preparation for printing, for NPIC and USIB member organizations and committees.
- Provide a complete design and preparation capability for twoand three-dimensional visual aids for NPIC and other intelligence components.
- 4. Provide an offset-printing and binding facility for reproduction and support of NPIC requirements, and, as a service of common concern, provide lithographic services to USIB member organizations and subordinate committees.
- 5. Control and maintain the National Substantive Briefing Aids Collection and provide a briefing-aids service for NPIC.
- 6. Participate in the development of new publication and graphic formats in coordination with responsible organizations.

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## NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

- 7. Establish and maintain standards for the preparation and reproduction of photographic, graphic, textual, tabular, and lithographic products.
- 8. Provide technical guidance, assistance, and support to elements of the intelligence community.

**ORGANIZATION** 

#### NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

#### TECHNICAL SERVICES GROUP

MISSION

Responsible for providing information, advice, and assistance regarding the application of advanced photo-related sciences to imagery exploitation; for the research, development, test, evaluation, and maintenance of imagery exploitation equipment; for gathering and reporting advanced collection system characteristics to NPIC and providing advanced collection system developers with information regarding the characteristics and needs of the imagery exploitation systems; and for maintaining liaison with collection organizations in order to keep the Center apprised of current and impending mission products.

**ORGANIZATION** 

#### NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

#### TECHNICAL OPERATIONS STAFF

#### MISSION

Responsible for performing analyses of group management techniques and operating procedures; defining objectives and guidelines; compiling records and reports uniquely required by the Chief, TSG; controlling Group requirements and production for preparing Group budgets; keeping NPIC apprised of impending mission products; and providing the point of contact for the exchange of technical information between the exploitation system and collection system developers.

#### **FUNCTIONS**

The Technical Operations Staff shall:

- Perform analyses of requirements, programs procedures, products, and resources as they relate to TSG mission, functions, and operations; prepare special project and program descriptions and reports, including goals, objectives, specifications; and prepare TSG's budget for submission to management.
- 2. Prepare organizational and procedural guidelines for use and promulgation by management to achieve efficient, effective, well-integrated accomplishment of group assignments. When directed, chair or act as representative of Chief, TSG on Task Teams, committees, and working groups to achieve coordination and cooperation in the accomplishment of TSG assignments and functions.
- 3. Control Group production, and maintain records and compile analytical reports concerning the status and allocation of TSG assignments, accomplishments, and resources, including projects, budgets, manpower, space, facilities, and equipment, and manage external contracts required to assist in analyzing TSG-level systems, operations, and management procedures.
- 4. Support NPIC technological and R&D programs by gathering and reporting advanced collection system characteristics and providing advanced collection system developers with NPIC operational and technological imagery exploitation-system characteristics.

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- 5. Provide the NPIC coordinating agent responsible for interagency liaison to determine collection system characteristics in the development phase as they relate to Center operations.
- 6. Maintain 24-hour liaison with national level intelligence collection organizations, keep Center officials apprised of current and impending mission products, and collate mission statistics.

**ORGANIZATION** 

#### NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

#### RESEARCH AND ENGINEERING DIVISION

#### MISSION

Responsible for preparing and administering the overall NPIC Research and Development Program; for providing scientific and engineering expertise in the technological fields pertinent to advanced imagery exploitation techniques and equipment; and for ensuring that the total community requirements for imagery exploitation techniques and equipment R&D are satisfied.

#### **FUNCTIONS**

The Research and Engineering Division shall:

- 1. Devise and compile plans, programs, and budgets for general and specific technological and research and development support to the NPIC managerial and operational programs.
- 2. Implement technological and research and development programs in support of NPIC managerial and operational systems -- through both contractual and in-house efforts, including exploratory laboratory investigations in photo science, optics, electronics.
- 3. Maintain a pool of engineering and technical expertise and advice in all technical fields pertinent to advanced imagery exploitation techniques and equipment.
- 4. Provide leadership, liaison, and coordination for imagery exploitation R&D programs of the national community components.

ORGANIZATION

#### NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

#### ENGINEERING SUPPORT DIVISION

#### MISSION

Responsible for assembling, organizing and directing the resources necessary to provide engineering services to support the imagery exploitation process at NPIC.

#### **FUNCTIONS**

The Engineering Support Division shall:

- 1. Test newly developed and commercial off-the-shelf equipment for conformance to specifications or development objectives and determine engineering parameters of performance; develop equipment performance standards of reliability, maintainability and accuracy; provide initial operator training during test and evaluation programs; plan, program, and monitor test and evaluation projects in coordination with other components.
- 2. Perform studies to determine the characteristics and effects of environmental conditions on precision equipment and its use; provide engineering services required to prepare new equipment sites; review contractual engineering plans and designs; conduct studies to determine the status of equipment (physical condition) and to determine the degree of utilization or machine workloading; review existing and proposed methods, techniques, and equipment to ensure safety to operation and protection from hazard.
- 3. Perform or provide for preventive and emergency maintenance and equipment calibration and provide technical services required in equipment installation; provide equipment performance data; maintain, plan, program, and provision spare parts for the preventive and emergency maintenance program, fabricate parts needed to modify or maintain existing equipment.

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4. Provide or obtain engineering design services for the modification of existing in-use equipment/systems; provide electronic, optical and mechanical shop services to perform in-house equipment modification; investigate equipment failure or deficiency problems and determine corrective action; define equipment requirements based on inadequacies or failure of existing in-use equipment when not practicable to modify.

**ORGANIZATION** 

#### NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

#### APPLIED PHOTO-SCIENCE DIVISION

#### MISSION

Responsible for directing and executing film breakdown and evaluation at the processing site; providing evaluations and analyses of operational systems and products; developing analytical techniques for transforming image measurements to dimensional intelligence, and providing photo science support to the photo interpreters.

#### **FUNCTIONS**

The Applied Photo-Science Division shall:

- Provide "on-site" processing teams responsible for film breakdown, evaluation, and preparation of newly acquired imagery; conduct both initial and final systems performance and product quality evaluations, and disseminate preliminary and final evaluation reports.
- 2. Initiate, coordinate, and prepare evaluations of imagery collection systems and materials test.
- 3. Provide NPIC representation on government/industry Performance Evaluation Teams (PET) charged with conducting performance/ product evaluation and subsequent report preparation.
- 4. Provide photo science support to the PI by monitoring the quality of the film products he reviews, and by assisting him in extracting the maximum amount of information from the film.
- 5. Provide analytical techniques to assist in the transformation of image measurements to reliable dimensional intelligence, error analysis, and investigation of the applicability of state-of-the-art techniques.
- 6. Prepare manuals, design briefing boards, and conduct briefings on the characteristics of image-producing collection systems in order to insure the effective utilization of systems products.

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NPIC INSTRUCTION NO. 1-3

ORGANIZATION

## NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

- 7. Provide objective evaluations on special products by coordinating APSD and other components' use of microdensitometry, photomicrography, microtome, special processing techniques, photogrammetry, chemical analysis, and visual stereoscopic methods.
- 8. Initiate computer support requests, open shop FORTRAN programs, and specifications as required for the division production effort, and conduct related tests.